

**MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMITTING AND COMPLIANCE DIVISION
WASTE MANAGEMENT SECTION
PO BOX 200901
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Phone: (406) 444-5300
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TO: Prospective Applicants for a Class IV Solid Waste Management System License

Facilities licensed as Class IV landfills may accept only Group III and Group IV waste [Administrative Rules of Montana 17.50.504(2)(c)]. Group III wastes include wood wastes and non-water soluble solids, such as brick, dirt, rock, rebar-free concrete, brush, lumber, and vehicle tires [ARM 17.50.503(1)(b)]. Group IV waste include general construction and demolition wastes and asphalt. Clean fill as defined by ARM 17.50.502(6) is not regulated as Group III or Group IV waste. Facilities approved to burn untreated wood waste may dispose of ash on-site. The facility may accept clean, untreated wood waste and brush for burning under the stipulations of a conditional Air Quality Open Burning Permit. The Department is required to accept comments from the public for a period of **30 days** following the public notice and the completion of the EA, allowing interested parties the chance to comment on the proposed project. A public meeting or hearing may also be required during the public comment period in order to discuss the project with the public and get their comments. After comments received are reviewed, a final decision is made as to whether the project is to be licensed, or additional information is required in order to respond to comments.

If the Department decides to issue a license, it must be validated by the local health officer in the county where the proposed facility will be located. For this reason, it is important for the applicant to keep the local health authorities informed during the licensing process and to provide them copies of the application as appropriate.

Application Fee

Class IV unit at Class II Landfill	No Fee
Major Class III to Major Class IV upgrade (+1,000 tons per year)	\$1,500
Minor Class III to Minor Class IV upgrade (<1,000 tons per year)	\$1,000
Major Class IV (+1,000 tons per year)	\$3,000
Minor Class IV (<1,000 tons per year)	\$2,000

If you have any questions or comments, please do not hesitate to contact this office.

CLASS IV APPLICATION CHECKLIST*

- A) Copy of lease or rental agreement (if necessary, from item #5).
- B) Detailed plans and map of site (from item #6).
- C) Drainage control plan (from item #9).
- D) Well logs or other documentation of depth to ground water (may be included in hydrogeological report, from item #11).
- E) Hydrogeological and soil information (from item #11).
- F) No migration petition or ground water monitoring plan (may be included in report from item #11).
- G) Landfill operation and maintenance plan (from item #14).
- H) Burn site operation and maintenance plan (from item #15).
- I) Salvaging, reuse, or recycling plan (if necessary, from item #16).
- J) Composting operation and maintenance plan (if necessary, from item #17).
- K) Location map with structures dimensions elevations, and site plans (from item #18).
- L) Cut and fill plan (if necessary, from item #19).
- M) Calculations of site life (from item #20).
- N) Closure plan and cost estimate (from item #21).
- O) List and addresses of adjacent landowners (from item #22).
- P) Calculations of waste accepted per year (from item #24).
- Q) Appropriate signatures (from items #26 and 27).

Signature of Applicant:_____

Date of Application:_____

*This checklist must be completed and included with the license application.

CLASS IV LANDFILL/BURN SITE

1. Name of proposed facility.

Mailing address of proposed facility.


Facility telephone.
2. Name of applicant .


Mailing address of applicant.

Applicants telephone number.
3. Legal description of proposed location .
(Township, Range, Section and 1/4 Section minimum)

General description of facility location.
4. Is this a change from a Class III facility? Yes () No () License #
Items in the Class III landfill file may be referenced if applicable, and need not be fully duplicated for this application. If referenced, please indicate where the information can be found, e.g., Original License Application, letter of July 4, 1997, etc.
5. Are you the owner of the property? Yes () No () If not, give the name and address of lessor who holds title to the property and attach a copy of the signed lease or rental agreement.

Name: Address:
6. Please include the following with this application:

 Map of the proposed location of facility in relation to local population center or county. Indicate adjacent residences and access roadways.

 Plan of proposed facility showing:
a) Fencing. d) Location of on-site roadways.
b) Access control. e) Property boundaries.
c) Location of building(s). f) Proposed disposal area(s) and/or burn site(s).
7. Total acreage to be licensed.

Acreage useable for the solid waste disposal system.

If burning will occur on-site, total acreage of burn site.

CLASS IV LANDFILL/BURN SITE

8. Are access roads and bridges capable of supporting loaded vehicles during all types of weather?
Yes () No ()
9. A drainage control plan has to be submitted, designed to prevent surface water run-on from entering, and surface water run-off from leaving, waste management areas. Indicate these measures on a map.
10. On a map, show the locations of all surface water resources on-site or within two miles of the facility boundary.

☞ What is the distance between the disposal site and the surface water body (ies)?

☞ Will the facility be in a water-saturated area (such as marshes or gravel pits with exposed ground water)?

☞ Is the site within a 100-year flood plain?
11. Class IV landfills are required to either monitor ground water or demonstrate that there is no possibility for ground water contamination in the uppermost aquifer from the unit. This requires a report on the hydrogeological and soil conditions of the site. Include supportive documentation for any no-migration petition or a ground water monitoring plan.
12. What is the distance between proposed system and public or private domestic water supplies?

☞ Discuss any other water wells in the area of the proposed facility, such as a monitoring well, an irrigation well, or a supply well (livestock).

☞ Indicate locations of wells on a map.
13. Are there any springs located within one mile of the site?

☞ Indicate locations of springs on a map.
13. Include an operation and maintenance plan for the proposed Class IV landfill that discusses the following:
14.
 - a) Days and hours site will be open.
 - b) Number of workers on-site.
 - c) Equipment to be used.
 - d) Types of waste to be accepted.
 - e) Rodent and insect control.
 - f) How traffic will be directed and controlled.
 - g) General description of waste management system.
 - h) Maintenance schedule for waste handling/disposal.
 - i) Litter control.
 - j) How often waste will be covered (quarterly min.).
15. If proposing a Class IV landfill-burn site, the operation and maintenance plan should also discuss:
 - a) The type of material to be burned.
 - b) What will be done with the ash.
 - c) How often the ash will be removed from site.
 - d) How burn pile will be kept from getting contaminated.
 - e) An Air Quality Burn Permit.

CLASS IV LANDFILL/BURN SITE

16. Will salvaging, reuse, or recycling be part of the operation and maintenance plan for the site?
Yes () No ()
- ☞ If "yes", please submit a plan discussing the types of material to be collected, where it will be stored, how often the material will be removed from site (minimum once a year), and where the material will be hauled to.
17. Will composting be part of the operation and maintenance plan? Yes () No ()
- ☞ If "yes", please submit a plan discussing what will be composted, the composting method to be used, where composting will occur on-site, and what will be done with the finished compost.
18. Please attach a location map showing all the proposed structures and areas for unloading, loading, excavating, compacting, and storing solid waste, and areas for burning, composting, and recycling, if applicable. Include the dimensions, elevations, and floor plans for these structures and areas, including the general process flow.
- ☞ Please discuss the proposed management practices to control wind and water erosion of disturbed areas and soil stockpiles.
19. Include a cut and fill plan discussing the method(s) of operation to be utilized.
20. Describe the estimated life of the facility and attach a description of the method used to calculate this figure.
21. Include a closure plan for the proposed solid waste management system, discussing the following:
- a) Depth and type of cover material to be used over the waste (if applicable).
 - b) The revegetation process.
 - c) Steps that will be taken to prevent erosion and ponding on final cover.
 - d) Type of notation to be placed on deed to the landfill property.
 - e) A cost estimate for closure and post-closure care.
22. Include a description of adjacent land use **and** a list of names and addresses of all persons or businesses owning land adjacent to the proposed facility.
23. What is the proposed opening date for this facility?
24. Estimated amount of waste to be accepted per year:
25. Will underground or aboveground tanks/lines be located at the site? Yes () No ()
- ☞ If "yes" what is your facility ID number?

CLASS IV LANDFILL/BURN SITE

26. To be signed by appropriate local government official having knowledge of local zoning ordinances:

I hereby certify that the site of the planned solid waste management system is in accordance with local governmental zoning and ordinances.

Signature: _____ Title: _____

Printed name: _____ Representing: _____

Date: _____

27. To be signed by applicant:

I am the party responsible for operation of this proposed facility. I certify that the above-described solid waste management system will be constructed and operated in accordance with Sections 75-10-201 through 75-10-233, Montana Code Annotated (MCA), the rules adopted pursuant thereto, and in accordance with conditions which have or may be imposed in the license.

Signature: _____ Title: _____

Printed name: _____ Representing: _____

Date: _____